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## Education

1387-1393	Ph.D., Immunology, Iran University of Medical Sciences, Tehran, Iran
1385-1387	MS.c., Immunology, Tehran University of Medical Sciences, Tehran, Iran
1380-1383	B.Sc, laboratory sciences, Tehran University of Medical Sciences, Tehran, Iran

## Category of Research

Medical Immunology

## Published Articles

- 1) Roudi R., Mohammadi SR, Roudbary M, **Mohsenzadegan M\***. Lung cancer and  $\beta$ -glucans: review of potential therapeutic applications; Invest New Drugs ;**2017**, doi: 10.1007/s10637-017-0449-9 (In press).
- 2) Sharifi L, Tavakolinia N, Kiaee F, Rezaie N, **Mohsenzadegan M**, Shariat M, Yazdani R, Mirshafiey A, Aghamohammadi A, Azizi G. A Review on Defects of Dendritic Cells in Common Variable Immunodeficiency. Endocr Metab Immune Disord Drug Targets; **2017** Jun 13 (In press).
- 3) Seif F, Khoshmirsafa M, Aazami H, **Mohsenzadegan M**, Sedighi G, Bahar M. The role of JAK-STAT signaling pathway and its regulators in the fate of T helper cells. Cell Commun Signal; **2017** Jun 21;15(1):23.
- 4) Sharifi L, **Mohsenzadegan M**, Aghamohammadi A, Rezaei N, Tofighi Zavareh F, Bokaie S, Moshiri M, Azizi G, Mirshafiey A, Aghazadeh Z. Immunomodulatory effect of G2013 (a-L-Guluronic acid) on the TLR2 and TLR4 in human mononuclear cells. Curr Drug Discov Technol. **2017** Jun 4 (In press).
- 5) Sharifi L, Aghamohammadi A, **Mohsenzadegan M**, Rezaei N, Towfighi Zavareh F, Moshiri M, Bokaie S,

Barati A, Sayedi SJ, Azizi GH, Mirshafiey A. Immunomodulation of TLR2 and TLR4 by G2013 (alfa-L-Guluronic acid) in CVID Patients. International Journal of Pediatrics July. **2017**, Page 5327-5337.

6) **Mohsenzadegan M**, Sharifi R, Taromi N, Farajollahi MM. Evaluation of Direct Effect of Testosterone on NGEP and LMO1 Expression in LNCaP Prostate Cancer Cells; Current Biomarkers; **2017**, DOI: 10.2174/2468422807666170222091437 (In press).

7) **Mohsenzadegan M**, Shekarabi M, Madjd Z, Asgari M, Abolhasani M ,Tajik N, Farajollahi MM. Study of NGEP expression pattern in cancerous tissues provides novel insights into prognostic marker in prostate cancer. Biomarkers in Medicine.**2015**; 9(4):391-401.

8) **Mohsenzadegan M** ,Tajik N , Madjd Z, Shekarabi M, Farajollahi MM. Study of NGEP expression in androgen sensitive prostate cancer cells; a potential target for immunotherapy. Medical Journal of Islamic Republic of Iran. **2015**;29:159.

9) **Mohsenzadegan M**, Mohammad Reza Fayazi, Mohsen Abdolmaleki, Masoomeh Bakhshayesh, Farhad Seif , Kazem Mousavizadeh. Direct immunomodulatory influence of IFN- $\beta$  on human astrocytoma cells. Immunopharmacol Immunotoxicol.**2015**;37(2):214-9.

10) **Mohsenzadegan M**, Fattahi Fa, Fattahi F, Mirshafiey A, Fazlollahi MR,Naderi F,Movahedi M,Pourpak Z. Altered Pattern of Naïve and Memory B cells and B1 Cells in Patients with Chronic Granulomatous Disease. Iran J Allergy Asthma Immunol. June **2014**; 13(3):157-165.

11) **Mohsenzadegan M**, Madjd Z, Asgari M, Abolhasani M, Shekarabi M, Taeb J, Sharifabrizi A. Reduced expression of NGEP is associated with high-grade prostate cancers: a tissue microarray analysis. Cancer Immunol Immunother. **2013** Oct;62(10):1609-18.

12) **Mohsenzadegan M**, Mirshafiey A. The immunopathogenic role of reactive oxygen species in Alzheimer disease. Iran J Allergy Asthma Immunol. **2012** Sep;11(3):203-16.

13) Naderi beni F, Fattahi F, Mirshafiey A, Ansari M, **Mohsenzadegan M**, Movahedi M, Pourpak Z, Moin M.Increased production of nitric oxide by neutrophils from patients with chronic granulomatous disease on interferon-gamma treatment. Int Immunopharmacol. **2012** Apr;12(4):689-93.

14) Mirshafiey A , **Mohsenzadegan M**. Opioids and opioid receptor in multiple sclerosis. The journal of Chinese clinical medicine. March **2010**; 5:3.

15) Mirshafiey A, **Mohsenzadegan M**. Neuropharmacology.TGF-beta as a promising option in the treatment of multiple sclerosis. **2009** May-Jun;56(6-7):929-36.

16) Mirshafiey A,**Mohsenzadegan M**. Antioxidant therapy in multiple sclerosis. Immunopharmacol Immunotoxicol. **2009**;31(1):13-29.

17) Mirshafiey A , **Mohsenzadegan M**. Immunotoxicological effects of reactive oxygen species in multiple sclerosis. J of Chinese clinical medicine. July **2008**; 3:7.

18) Mirshafiey A, **Mohsenzadegan M**. The role of reactive oxygen species in immunopathogenesis of rheumatoid arthritis. Iran J Allergy Asthma Immunol. **2008** Dec;7(4):195-202.

19) Namaki S, **Mohsenzadegan M**, Mirshafiey A. Superoxide dismutase: A light horizon in treatment of multiple sclerosis. Journal of Chinese Clinical Medicine; **2009**, Vol. 4 Issue 10, p585.

### Congress articles as oral or poster presentation

1) **Mohsenzadegan M\***, Madjd Z, Shekarabi M, Farajollahi MM. Characterization of peptides derived from extracellular portions of NGEP-L by using Ab production and their investigations on tissue of prostate cancer in **11 th International Congress of Immunology & Allergy, 26-29 April ,Iran.**

2) **Mohsenzadegan M\***, Fattahi F, Naderi F, Pourpak Z. Immunophenotyping in subgroup of B lymphocyte in CGD patients in **11 th International Congress of Immunology & Allergy, 26-29 April, 2012, Iran.**

3) **Mohsenzadegan M\***, Shekarabi M, Farajollahi MM, Madjd Z. Preparation of polyclonal antibodies against extracellular NGEP protein; as a potential biomarker in prostate cancer immunotherapy. **12 th International Congress of Immunology & Allergy, 29 April-2May, 2014, Iran.**

4) **Mohsenzadegan M\***, Madjd Z, Asgari M, Abolhasani M, Shekarabi M. Assessment of new gene expressed in prostate (NGEP) in human prostate tissues using tissue microarray analysis. **12 th International Congress of Immunology & Allergy, 29 April-2May, 2014, Iran.**

5) **Mohsenzadegan M\***, Tajik N, Farajollahi MM, Shekarabi M. Investigation of NGEP expression levels in two standard prostate cancer cell lines. **12 th International Congress of Immunology & Allergy, 29 April-2May, 2014, Iran.**

6) **Mohsenzadegan M\***, Sharifi R, Farajollahi MM. Direct effect of testosterone on NGEP and LMOLMO1 expression in prostate cancer cells. **9 th International Congress of Laboratory & Clinic- 21-24 Feb, 2017, Iran.**

شرکت در کنگره ها و همایشها

ردیف	عنوان سمینار، کنفرانس یا کارگاه	تاریخ برگزاری	محل برگزاری
1	همایش روز جهانی آسم	86.10.2	مجتمع بیمارستانی امام خمینی-دانشگاه علوم پزشکی تهران
2	کنگرهء دوسالهء ایمونولوژی، آسم و آلرژی	خرداد ۱۳۸۶	مرکز همایشهای رازی- دانشگاه علوم پزشکی ایران
3	همایش بزرگداشت روز جهانی ایمونولوژی-ایمونولوژی لیسمانیا	88.2.10	انسیتو پاستور ایران
4	شرکت در کارگاه علمی Diagnosis of Blood Malignancy در اولین کنگرهء بین المللی و در ششمین کنگرهء کشوری ارتقاء کیفیت خدمات آزمایشگاهی تشخیص پزشکی - ایران	86.11.25	دانشگاه علوم پزشکی سالن همایشهای رازی ایران
5	شرکت در کارگاه علمی Real Time PCR در اولین کنگرهء بین المللی و در ششمین کنگرهء کشوری ارتقاء کیفیت خدمات آزمایشگاهی تشخیص پزشکی - ایران	86.11.27	سالن همایشهای رازی دانشگاه علوم پزشکی ایران
6	پنجمین کنگرهء ارتقاء کیفیت خدمات آزمایشگاهی تشخیص طبی	دی ماه 1385 سال	سالن همایشهای رازی
7	دهمین کنگرهء بین المللی ایمونولوژی و آلرژی	May 18-20, 2010	دانشگاه علوم پزشکی شهید بهشتی
8	یازدهمین کنگرهء بین المللی ایمونولوژی و آلرژی	April 26-29 2012	برج میلاد-تهران
9	دوازدهمین کنگرهء بین المللی ایمونولوژی و آلرژی	29 April- 2 May 2014	برج میلاد-تهران
10	نهمین کنگرهء آزمایشگاه و بالین	21-24 Feb, 2017,	تالار بیمارستان امام خمینی